

I claim:

1. A composition, comprising:

5 (A) a matrix polymer, copolymer, or blend thereof, which is essentially free of erucamide and which is essentially free of unsaturated amide;

(B) a silicone lubricant having an average molecular weight not less than 40,000 and said siloxane being present in an amount not less than .01 parts and not greater than 10 parts based on 100 parts of said base polymer(s); and

10 (C) a slip aid comprising a saturated amide, an oxidized polyethylene, or mixture thereof, said slip aid being in an amount not less than 0.01 parts and not greater than 8 parts based on 100 parts of said component (A).

2. The composition of claim 1 wherein said component A comprises thermoplastic polymers such as polyethylene or ethylene copolymer with other lower
15 alkenes, polypropylene, thermoplastic rubbers, ethylene propylene copolymers, acid modified ethylene propylene copolymers, styrene butadiene rubber, carboxylated styrene butadiene, polyisoprene, styrene isoprene styrene block copolymers, styrene butadiene styrene block copolymers, styrene ethylene butylene styrene block copolymers, polystyrene block polyethylene/propylene copolymers, polystyrene block
20 polyethylene propylene polystyrene copolymers, polystyrene block polyethylene ethylene propylene styrene copolymers polystyrene, ethylene vinyl acetate copolymers and terpolymers, ethylene acrylate co and terpolymers ethylene vinyl alcohol copolymers, butyl rubber, ethylene acid copolymers, polyvinyl chloride polymers, said polymer or copolymers being 100% of said component (A).

25 3. The composition of claim 1 wherein said matrix polymer comprises an ethylene vinyl acetate copolymer in an amount not less than 5 parts and not greater than 100 parts, based on 100 parts of said component (A).

4. The composition of claim 3 wherein said matrix polymer further comprises ethylene, propylene, or blend thereof.

30 5. The composition of claim 4 wherein said matrix polymer further comprises a copolymer of ethylene and propylene.

6. The composition of claim 1 wherein said siloxane is poly(dimethyl) siloxane.

7. The composition of claim 1 wherein said silicone is selected from the group consisting of siloxanes and organosiloxanes.

8. The composition of claim 1 wherein said slip aid is a saturated amide.

9. The composition of claim 1 wherein said slip aid is an oxidized polyethylene.

10. The composition of claim 1 wherein said slip aid comprises both a saturated amide and an oxidized polyethylene.

11. The composition of claim 1 wherein said slip aid is a saturated amide selected from the group consisting of behenamide, stearamide, arachidamide, palmitamide, myristamide, lauramide and ethylene bis-stearamide.

12. The composition of claim 11 wherein said slip aid has an iodine value no greater than 10.

13. The composition of claim 11 wherein said slip aid has an iodine value no greater than 5.

14. The composition of claim 11 wherein said saturated amide is stearamide.

15. The composition of claim 11 wherein said saturated amide is behenamide.

16. The composition of claim 1 wherein said slip aid is an oxidized polyethylene homopolymer.

17. The composition of claim 1 being molded into a beverage container.

18. The composition of claim 1 being molded into a beverage container closure.

19. The composition of claim 17 wherein said beverage container closure is a plastic cap.

20. The composition of claim 1 being molded into a cap liner.

21. A slip aid composition for use in container closures and closure sealants, comprising:

a silicone lubricant having an average molecular weight not less than 40,000, said silicone being present in an amount not less than 0.01 parts and not greater than 10 parts based on 100 parts of said base polymer(s); and

a slip aid comprising a saturated amide, an oxidized polyethylene, or mixture thereof; said slip aid being in an amount not less than 0.01 parts and not greater than 8 parts based on 100 parts of said base polymer(s).